

ILLUMINATION APPARATUS FOR LCD/ORGANIC DISPLAYS

ABSTRACT

An illumination apparatus for an LCD/organic display (4) having a grid of high intensity LED lamps (1) covered by a Frenzel lens (2) and a polycarbonate glass diffuser (3).

- 5 The illumination apparatus is placed behind an LCD/organic display (4) for the purpose of emitting a high intensity but uniform light, thereby eliminating any “hot spots” on the display screen (4). A covering, preferably made of clear polycarbonate glass 5, is then placed over the LCD/organic display (4) to protect the display from dust, dirt, scratches and other everyday happenings. This illumination apparatus enables LCD/organic displays (4) to be
- 10 built with much larger screens than currently possible.